

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of identifying a message source in a network, comprising:

receiving a method call from a client computer to invoke an object on a data server;
packaging the method call in a message to be sent from a client server to the data server via the network;

on the client server, identifying, from an execution stack and through the use of a comparison algorithm, ~~an object~~ a class on the client computer that is invoking the object on the data server; and

transmitting the message to the data server.

2. (Original) The method of claim 1, further comprising:
on the client computer, generating the method call to invoke the object on the data server.

3. (Original) The method of claim 2, wherein transmitting the message to the data server transmits an identifier of an object on the client computer invoking the object on the data server along with the message.

4. (Original) The method of claim 3, wherein the identifier is stored in a header of the message.

5. (Original) The method of claim 3, wherein the identifier comprises a fully qualified class name.

6. (Currently Amended) The method of claim 1, wherein the message comprises a simple object access protocol (SOAP) XML message.

7. (Original) The method of claim 6, wherein packaging the method call in a message comprises building up a SOAP request.

8. (Original) The method of claim 7, wherein transmitting the message comprises implementing a SOAP application programming interface (API).

9. (Original) The method of claim 8, wherein the SOAP API comprises a messaging API.

10. (Original) The method of claim 2, further comprising:
displaying a Web service graphical component representing the object; and
displaying an interconnecting graphical component representing an associated interaction between the client computer and the data server.

11. (Currently Amended) A client server configured to transmit messages to a data server via a network, comprising:

a client computer interface configured to receive a method call from a client computer to invoke an object on the data server; and

a data processing unit coupled to the client computer interface, the data processing unit being configured to:

package the method call in a message to be sent from the client server to the data server via the network;

identify, from an execution stack and through the use of a comparison algorithm, ~~an~~ object a class on the client computer that is invoking the object on the data server; and

transmit the message to the data server.

12. (Original) The client server of claim 11, wherein the message is transmitted along with an identifier of an object on the client computer invoking the object on the data server.

13. (Original) The client server of claim 12, wherein the identifier is stored in a header of the message.

14. (Original) The client server of claim 12, wherein the identifier comprises a fully qualified class name.

15. (Currently Amended) The client server of claim 11, wherein the message comprises a simple object access protocol (SOAP) XML message.

16. (Original) The client server of claim 15, wherein packaging the method call in a message comprises building up a SOAP request.

17. (Original) The client server of claim 16, wherein transmitting the message comprises implementing a SOAP application programming interface (API).

18. (Original) The client server of claim 17, wherein the SOAP API comprises a messaging API.

19. (Currently Amended) A program product, embodied in a computer readable medium, comprising machine-readable program code for causing, when executed, a computer to graphically emulate a network including at least a client computer, a client server, and a data server, the program product graphically emulating the network performing method steps of:

on the client computer, generating a method call to invoke an object on the data server;

packaging the method call in a message to be sent from the client server to the data server via the network;

on the client server, identifying an identifier of ~~an object~~ a class on the client computer invoking the object on the data server from an execution stack through a comparison algorithm; and

transmitting the message to the data server.

20. (Original) The program product of claim 19, wherein the identifier comprises a fully qualified class name.

21. (Currently Amended) The program product of claim 19, wherein the message comprises a simple object access protocol (SOAP) XML message.

22. (Currently Amended) An apparatus configured to identify a message source in a network, comprising:

means for receiving a method call from a client computer to invoke an object on a data server;

means for packaging the method call in a message to be sent from a client server to the data server via the network;

means, on the client server, for identifying, from an execution stack and through the use of a comparison algorithm, ~~an object~~ a class on the client computer that is invoking the object on the data server; and

means for transmitting the message to the data server.